King County
Department of Natural Resources and Parks
Wastewater Treatment Division

June 2007

PUGET SOUND BEACH CSO PROJECTS

BARTON AND MURRAY PUMP STATION UPGRADES AND CSO FACILITIES

King County to Upgrade Wastewater Facilities in West Seattle to Protect Puget Sound

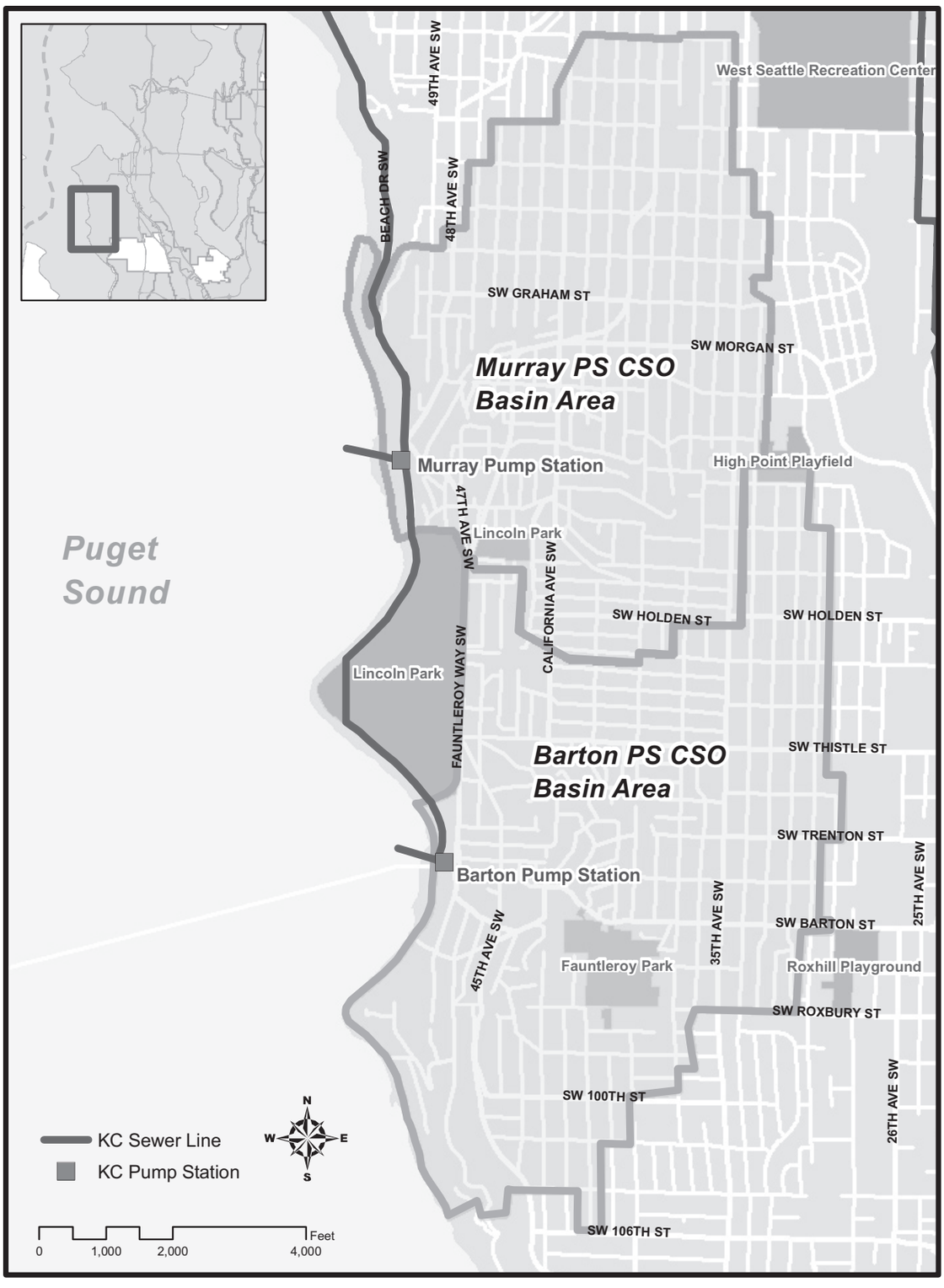
As part of its mission to protect public health and the environment, King County is responsible for conveying and treating wastewater collected by 34 local city and sewer agencies in the King County region, including the City of Seattle.

Many of the county's pump stations and sewers need to be upgraded to ensure reliable operation. Some facilities must also be expanded to provide additional capacity or be modified to meet more stringent regulations.

Upgrades needed to Barton and Murray Facilities

In West Seattle, King County has operated the Barton and Murray Pump Stations and sewer facilities for more than 40 years. (The map shows the areas that drain to Barton and to Murray and nearby facilities.) Both the Barton and Murray Pump Stations are no longer considered reliable. They lack emergency generators to keep the pumps working during power outages, and they have no odor control. If equipment fails, raw sewage could flow onto the beach and into Puget Sound. Moreover, their capacity may be inadequate for future demand.

(continued on reverse)



King County
Department of
Natural Resources and Parks
Wastewater Treatment Division
King Street Center
KSC-NR-0505, 201 S. Jackson St.
Seattle, WA 98104-3855

Joint Meeting of the Fauntleroy and Morgan Communities Wednesday, June 27, 2007

Come learn more about King County's new regional wastewater facilities

Barton and Murray CSO Projects
Share your ideas and comments!

Joint Meeting of the Fauntleroy and Morgan Communities

Wednesday, June 27, 6:00 p.m.

The Hall at Fauntleroy
9131 California Ave SW
Seattle, Washington

- Come learn more about upgrades and the planning process to control CSOs at Barton and Murray Pump Stations
- Ask questions
- Share your ideas and comments

(continued from reverse)

Because the Barton Pump Station sends flows to the Murray Pump Station and what happens at one affects the other, these stations are being considered as a single project for facility upgrades and addressing combined sewer overflows (CSOs).

Reducing Combined Sewer Overflows (CSOs) at Barton and Murray

During heavy rains, when flows exceed the capacity of the sewer system, the system can overflow into Puget Sound, discharging storm water and diluted sewage. These events, called combined sewer overflows, or CSOs, help to avoid sewer backups into homes and businesses and onto streets during storms, but they are a public health and environmental concern.

Schedule for the Barton and Murray CSO Projects	
2007	Identify evaluation criteria, alternatives, and sites for reducing CSOs
2008	Predesign work for selected alternatives
2009–2010	Final design, environmental review & permitting
2011–2012	Construction

On average, Barton has eight overflows per year that discharge a total of eight million gallons into the Sound off Fauntleroy while Murray has five overflows per year that discharge a total of six million gallons off Lowman beach.

King County's goal is to reduce the number of CSOs each year, with a long-term goal of less than one untreated discharge per location per year to meet state regulations. The county is in the process of identifying CSO control options for Barton and Murray as well as for two other locations on Puget Sound: South Magnolia and North Beach. These locations are top priority because people are most likely to come in contact with water during recreational activities such as swimming.

For more information

- For more information or to be added to the project mailing list, please call **Martha Tuttle** at **206-684-1207** or 711 TTY Relay or e-mail martha.tuttle@metrokc.gov.
- Visit the project Web site at *http://dnr.metrokc.gov/wtd/cso/*

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Alternate formats available by calling 206-684-1207 or TTY 711.

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